APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Observations in the Electron Microscope on the Action of Ribonuclease on the Cells of Walker Carcinoma, by A. Bolognari, 5 pp, and 6 Atch.

ITALIAN, per, Atti della Societa Peoloritana di Scienze Fisiche Matematiche e Naturali, Vol VI, No 1, 1960, pp 75-81.

NIH 10-18-61

179.378

Sci - Med

Jan 62

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

The Tunnel Effect in Sulfide Rectifiers, by Yu. M. Bolokobinskiy, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII, No 6, 1957, pp 1239-1242.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

58,170

Sci - Physics
Feb 1958

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

On the Phase Transition Theory, by N. N. Bololybov
D. N. Zubarev, Yu. A. Tserkovnikov.

RUSSIAN paper, Dok Ak Nauk SSSR, Vol CXVII,
No 5, 1957, pp 788-791.

MIT Lincoln Lab

Sci - Phys

Apr 58

61,495

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Determination of the Compression Strength of Mortars and Concretes. Determination of the Granulation of a Sand With Maximum Density, by J. Bolomey.

FRENCH, per, Bulletin Technique de la Suisse Romande, pp 209-313.

CSIRO M

Sci - Engr
Mar 62

188,516

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Process and Equipment for the Manufacture of Cheese, by G. L. E. Bolomier, L. B. Chiltz, 4 pp.

FRENCH, Patent 984,099.

SLA 60-16267

Sci
Mar 62
Vol IV, No 2

188,854

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Orthodic Oxymeter, by E. Dolominsky, 5 pp.,
UNCLASSIFIED

RUSSIAN, per, Radio, No 3, 1952, pp 46-47.

EX ATIC-F-TS-7859-RE

Scientific - Electronics

1317

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Survival and Productivity of Yeasts During Continuous Fermentation of Wood Hydrolyzates, by N. Ya. Kalyuzhnyy and G. V. Dolenda', 6 pp.

RUSSIAN, per, Mikrobiolog, Vol XXVIII, No 3, 1958, pp 427-432.

Amer Inst of Biol Sci

Sci

Feb 60

107,366

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Reckoning In Literature, by Gyorgy Boloni, 4 pp.

HUNGARIAN, wkly per, Elet es Irodalom, Vol II, No 12, Mar 58, p 3

US JPRS/DC-131
CSO DC-50/8

EEur - Hungary

Pol, Soc

62,812

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Experimental Tumours Induced in the Steppe Lemmg With 9,10-dimethyl-1,2-benzanthracene, by N. I. Bolonina, 3 pp

RUSSIAN, per, Voprosy Onkologii, Vol V, No 3, 1959, pp 348-351

Pergamon Press

Sci

Feb 60

109093

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Tumors Induced by Methylcholanthrene in the Steppe Lemming. A Transmissible Strain of Lemming Sarcoma (LS), by M. I. Bolonina, 3 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIX, No 2, 1960, pp 99-101.

CB

Sci
Oct 60

128,555

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

The Steppe Lemming Lagurus lagurus Pall) A new Animal Suitable For Experimental Oncology Work, by E. Z. Pogosyants, M. I. Bolonina, L. V. Ol'shevskaya, 9 pp

RUSSIAN, per, Voprosy Onkologii, Vol V, No 3, 1959, pp 281-289

Pergamon Press

Sci

Feb 60

109328

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

An Attempt to Detect the Carcinogenic Agent in Extracts of Carcinoma of the Human Breast, by E. E. Pogosyants, N. I. Bolonina, 4 pp.

RUSSIAN, per, Voprosy Onkologii, Vol IV, No 4, 1958, pp 387-391.

Pergamon Press

Sci -

Jan 60

105,790

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Evaluating the Quality of Grinding Wheels, by E. V. Bolonova, 3 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XLI, No 8, 1961, pp 59-63.

PERA

Sci
22 Jun 62

200,048

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Radio Communication With Space Probes, by
I. Boloshin, V. Kuznetsov, 3 pp.

RUSSIAN, np, Krasnaya Zvezda, 4 Nov 1962.

The Daily Review
Vol VIII, No 272 (2217)
Friday, November 16, 1962

Sci - Space Res

Dec 62

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

The Mechanism of the Vertical Distribution of H_2O_2 Above a Solution, by I. L. Roykh and I. P. Bolotich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958, pp 116-118.

Consultants Bureau

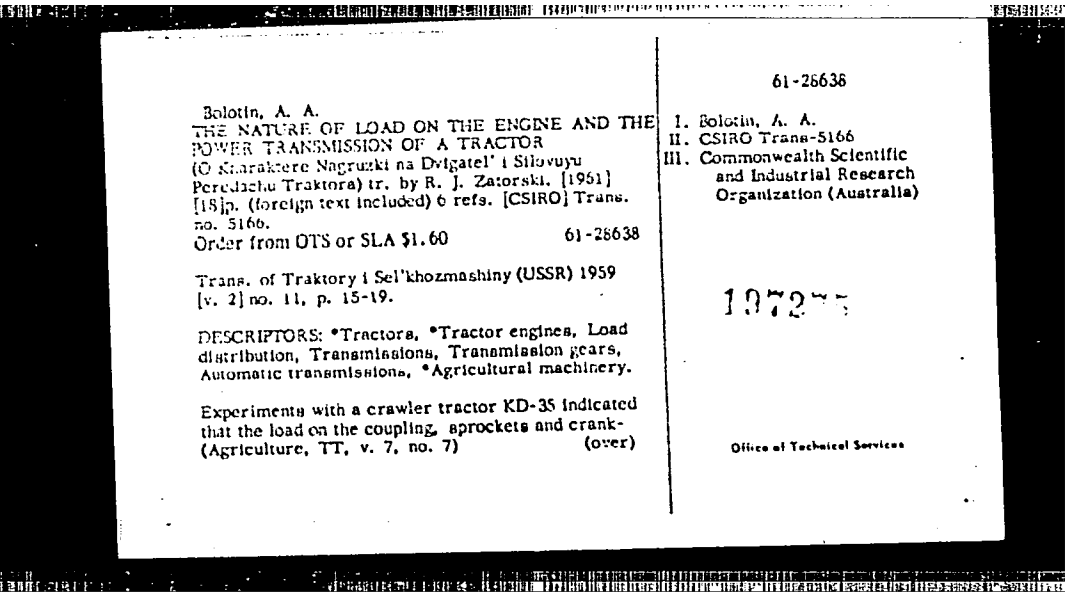
Sci - Chem

22/6/59

89,986

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



Bolotin, A. A.
THE NATURE OF LOAD ON THE ENGINE AND THE POWER TRANSMISSION OF A TRACTOR
(O Kharaktere Nagruzki na Dvigatel' i Silovuyu Peredachu Traktora) tr. by R. J. Zatorski. [1961] [18]p. (foreign text included) 6 refs. [CSIRO] Trans. no. 5166.
Order from OTS or SLA $1.60 61-28638

Trans. of Traktory i Sel'khozmashiny (USSR) 1959 [v. 2] no. 11, p. 15-19.

DESCRIPTORS: *Tractors, *Tractor engines, Load distribution, Transmissions, Transmission gears, Automatic transmissions, *Agricultural machinery.

Experiments with a crawler tractor KD-35 indicated that the load on the coupling, sprockets and crank-
(Agriculture, TT, v. 7, no. 7) (over)

61-28638

I. Bolotin, A. A.
II. CSIRO Trans-5166
III. Commonwealth Scientific and Industrial Research Organization (Australia)

19725

Office of Technical Services

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Theoretical Determination of the Fine Structure of Boron-Type Atoms, by I. I. Glembotskiy, I. T. Martishius, A. B. Zolotin, 4 pp.

RUSSIAN, per, Trudy Ak Nauk Litovskoy, Ser. B, No 2, 1956, pp 15-19.

Amer Meteorol Soc
AF Cambridge Res Center

136,269

Sci - Geophysics
Jan 61

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Theoretical Determination of the Fine Structure of Boron-Type Atoms, by I. I. Glembotskiy, I. T. Martishius, A. B. Bolotin, A. P. Yutsis, 4 pp.

RUSSIAN, per, Trudy Ak Nauk Litovskoy SSR, Ser B, No 2, 1956, pp 15-19. 9658738

Amer Meteorol Soc
AF Cambridge Res Center
T-R-317

Sci - Geophysics
Mar 61

141, 651

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

The Double-Configurational Approximation in the Case of Carbon-like Atoms, by A. B. Bolotin, I. B. Lavinson, L. I. Levin, 5 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXIX, No 4, Oct 1955, pp 449-453.

Amer Inst of Physics
Soviet Physics, Vol II, No 3

Sci - Physics
Feb 57 CTS

43,768

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

AC5
E57
no.
34

Bolotin, A I
Ways to increase the effectiveness of the principle of least squares in overcoming systematic errors. Washington, Scripta Technica, Inc. 1962.
5 l. 28 cm. (English translations of foreign literature. No. 34)

1. Least squares. 2. Errors, Theory of (Series)

DI

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

114

Angular Integration of Feynman Diagrams in the Field-theoretic Perturbation Theory of Atoms, by A. B. Bolotin and I.B. Levinson, et al, RUSSIAN, per, Litovskii Fizicheskiy Sbornik, Vol IV, No 1, 1964, pp 25-35. 9700855
AFCRL T-R-543

A. B. Bolotin

Sci-Nucl Sci
Jun 66 302,743

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

129

Fine Structure of Terms in Atomic Species of Carbon and Nitrogen Type in the Configurations $1s^2 2s 2p^3$ and $1s^2 2s^2 2p^3$, by V. K. Shugurov, A. B. Bolotin, 8 pp. RUSSIAN, per, Vilniaus Valstybinio Univ Mokk Darbai, Mato Fiz, Vol VIII, No 5, 1956, pp 41-47. PB000047267 AFCRL T-R-617

A.B. BOLOTIN

Sci - Nucl Sci
Mar 67

320,535

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

118

Two-Configuration Approximation for
Atomic Species of Oxygen Type,
by A. B. Bolotin, I. I. Shiromma, et al.
8 pp.
RUSSIAN, per, Vilniaus Valstybinio
Universiteto Mokslo Darbai. 33 (Matematika
Fizika 1) 1960, pp 107-113. PB160567
APCRL T-R-624

A. B. Bolotin

Sci-Phys
June 61 327,262

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Application of Multiconfigurational Approximation in Determining the Force of Dipoles in the Berylium and Boron-Type Atoms, by A. B. Bolotin, A. P. Yutsis.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXIV, No 5, 1953, pp 537-544.

PL-480
OTS 61-11437
($.4.75)

Sci - Phys

235,059

MMJun 63

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Ways to Increase the Effectiveness of the Principle of Least Squares in Overcoming Systematic Errors, by A. L. Bolotin.

RUSSIAN, per, Iz Vyssshikh Uchob Zaved, Geodez i Aerofotos, No 4, 1961, pp 39-42.

MIL, Ft Belvoir T-1683

Sci - Engr, Geophys
Jan 63

28

220,73

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

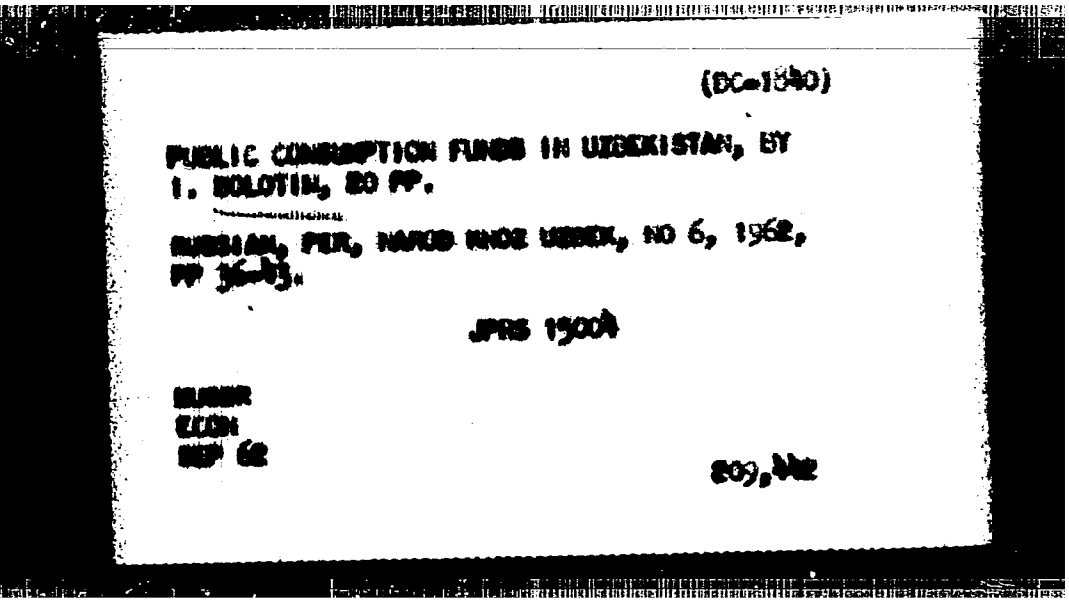
Increasing the Reliability and Longevity of Machines and Instruments Made by Enterprises of the Severo-Kavkazskiy Sovnarkhoz, by V. Belotelov, B. Bolotin, 5 pp. RUSSIAN, mp, Molot, 26 Apr 1964, p 2. JPRS 26208

USSR
Econ
Sep 64

266,716

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



(DC-1540)

PUBLIC CONSUMPTION FUNDS IN UZBEKISTAN, BY
I. BOLOTIN, 20 PP.

RUSSIAN, FIN, NARKH KHOZ UZBEK, NO 6, 1962,
PP 36-39.

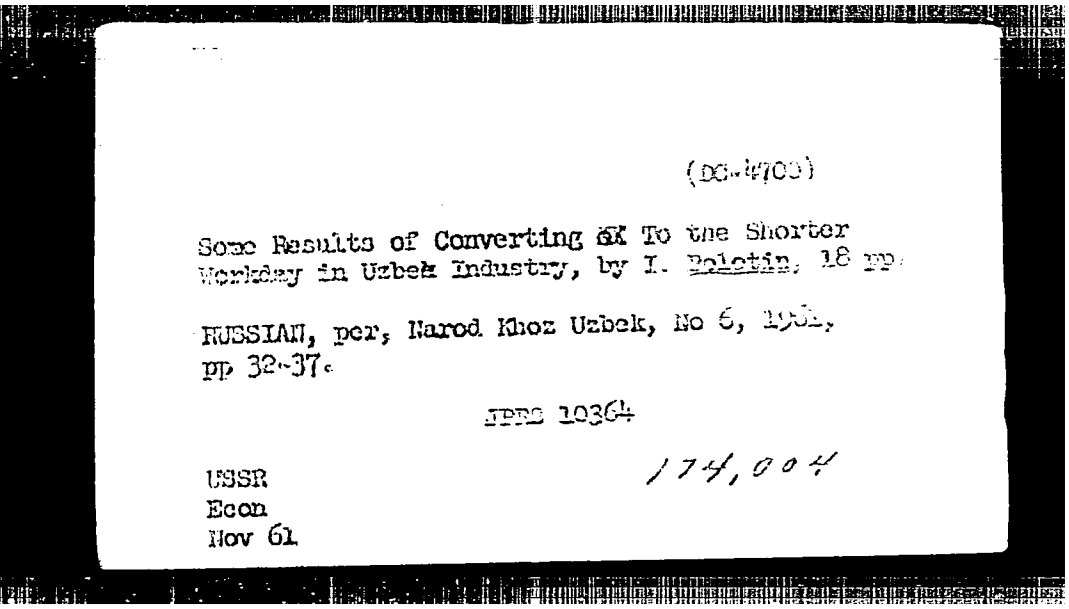
JPRS 15004

[redacted]
[redacted]
SEP 62

[redacted]

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



(DC-4700)

Some Results of Converting ~~6K~~ To the Shorter Workday in Uzbek Industry, by I. Bolotin, 18 pp.

RUSSIAN, per, Narod Khoz Uzbek, No 6, 1958, pp 32-37.

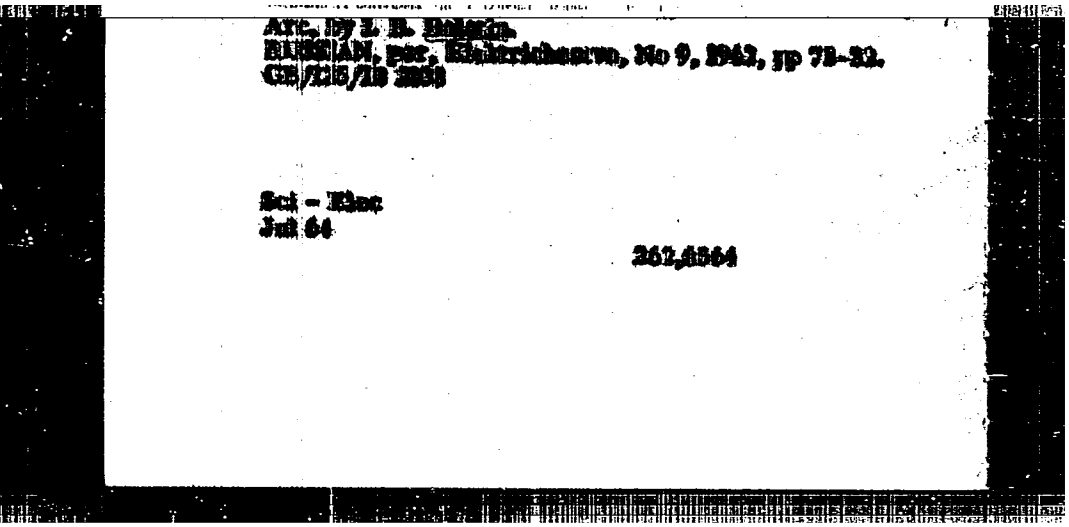
JPRS 10364

174,004

USSR
Econ
Nov 61

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



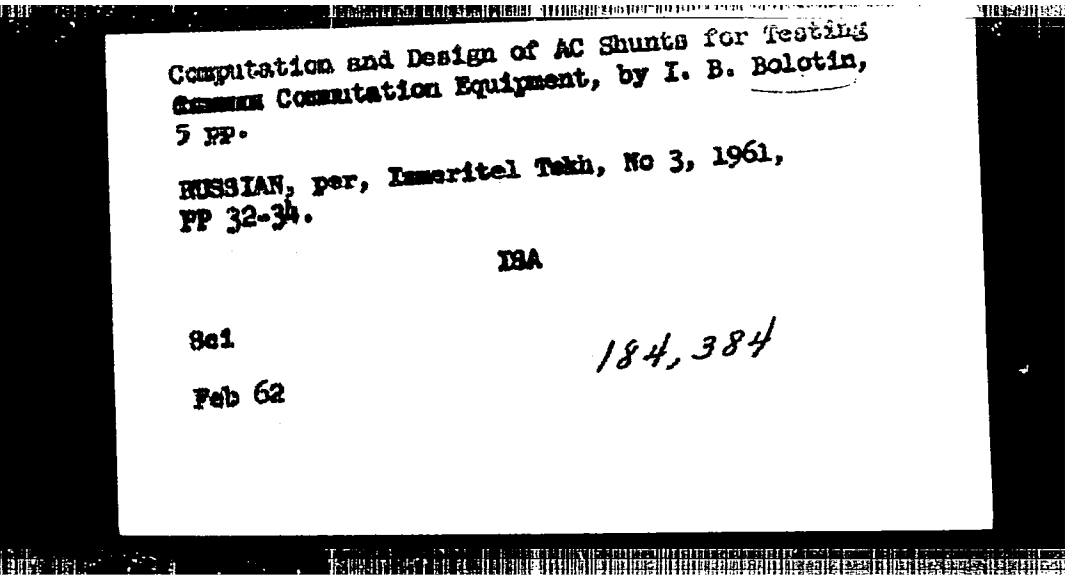
Arc. By I. B. Bolotin.
RUSSIAN, pub. Khimicheskaya, No 9, 1962, pp 78-82.
GE/C15/18 2858

Sci - Chem
Jul 64

262,6564

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



Computation and Design of AC Shunts for Testing Commutation Equipment, by I. B. Bolotin,
5 PP.

RUSSIAN, per, Izmeritel Tekh, No 3, 1961,
PP 32-34.

IBA

Sci

184,384

Feb 62

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Calculation and Construction of an Accelerating System for a Linear Accelerator With Intensive Focusing, by L. I. Bolotin, V. O. Saprunenko, et al., 7 pp.

UKRAINIAN, per, Ukrayinskiy Fiz Zhur, Vol VII, No 2, 1962, pp 132-136. 9667321

FTD-TT-62-1329

Sci - Phys
Jan 63

219,958

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Spark Type Source of Multiply Charged Ions, by L. I. Bolotin, P. S. Markin, 3 pp.

RUSSIAN, per, Pribory i Tekh Eksper, No 6, 1961, pp 88-90.

ISA

Sci

213,350

Oct 62

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Accelerating System Using TE-Modes, by L. I. Bolotin, V. A. Bomko, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 12, 1961, pp 1426-1430.

AIP
Sov Phys - Tech Phys
Vol VI, No 12

Sci
Jul 62

205,050

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

A Heavy-Current Electron Accelerator, by V. T. Tolok, L. I. Bolotin, 5 pp.

[redacted], per, Atom Energ, Vol XI, No 1, 1961, pp 41-45.

CB

Sci

Jul 62

204,344

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

(NI-6499)

High Power Pulsed Self-Oscillator, by L. I. Bolotin, V. I. Volkov, et al, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO Radiotekh, Vol IV, No 6, Nov/Dec 1961, pp 726-728.

JPRS 13849

Sci
May 62

197,378

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Strong Focusing in a Linear Accelerator, by P. M. Zeidlits, L. I. Bolotin, E. I. Revutskiy, et al, 6 pp.

RUSSIAN, per, Atom Energ, Vol VIII, No 2, 1960, pp 127-133.

CB

Sci 158, 500

Jun 61

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Interaction of Carbon Ions with Photographic Emulsion Nuclei, by L. I. Bolotin, A. P. Klyucharev.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV, No 12, 1960, pp 1502--.

CTT

195,378

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

The Theory of Particle and Wave Interaction With Nonequilibrium Plasma, by I. A. Akhiezer, U. L. Bolotin, 15 pp.
RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLVI, No 4, 1964, pp 1331-1334. 9226274
AEC-ORNL-Tr-161

p 36

Sci-Phys
Jan 65

272,482

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Statistical Methods in Structural Mechanics, by V. Bolotin.

RUSSIAN, momo, 1960.

*Gordon & Breach

Aug 62

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

The Use of Electron-Optical Light Amplifiers in Spectroscopic Investigations of a Weakly Luminous Plasma, by V. F. Bolotin, E. K. Zavoyskiy, M. N. Ogenov, 10 pp.

RUSSIAN, bk, O Primenenie Elektronnooptichesikh Usiliteley Sveta dlya Spektroskopicheskikh Issledovanie Slabosvetyashcheysya Plazmy, 1960. 9094463

AEC Tr-4762

176,796

Sci - Phys
Dec 61

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Use of Light Amplifiers for Spectroscopic Investigation of Weakly Luminous Plasmas, by V. F. Bolotin, E. K. Zavoiskiy, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXVII, No 7, 1963, pp 986-[illegible].

CTT

Sci
Aug 64

264,825

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Magnetoacoustic Resonance in a Plasma, by A. F. Akhmatov, P. I. Blinov, V. F. Bolotin, et al, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX, No 3 (9), 1960, pp 536-544.

AIP
Soviet Phys-JETP
Vol XII, No 3

155, 151

Sci

May 61

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Nonconservation Problems of the Theory of Elastic Stability, by V. V. Bolotin.

RUSSIAN, bk.

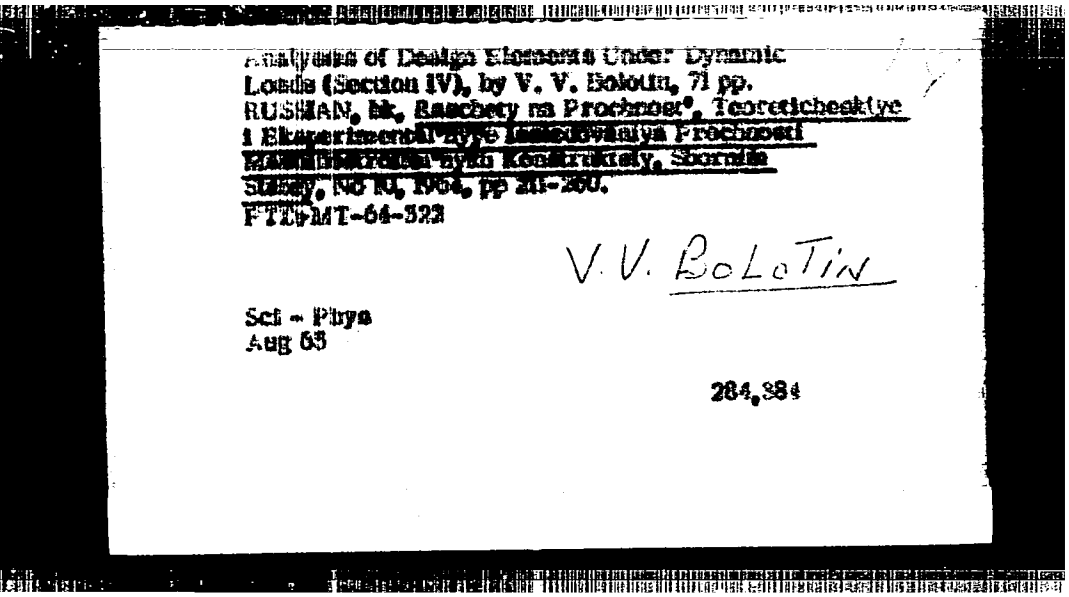
Pergamon Press

NLL (loan)

Jun 64

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



Analysis of Design Elements Under Dynamic
Loads (Section IV), by V. V. Bolotin, 71 pp.
RUSSIAN, bk, Raschety na Prochnost', Teoreticheskiye
i Eksperimental'nyye Issledovaniya Prochnost'
Plastinok, Obolochek i Konstruktsiy, Sbornik
Statey, No 10, 1964, pp 201-260.
FTD-MT-64-523

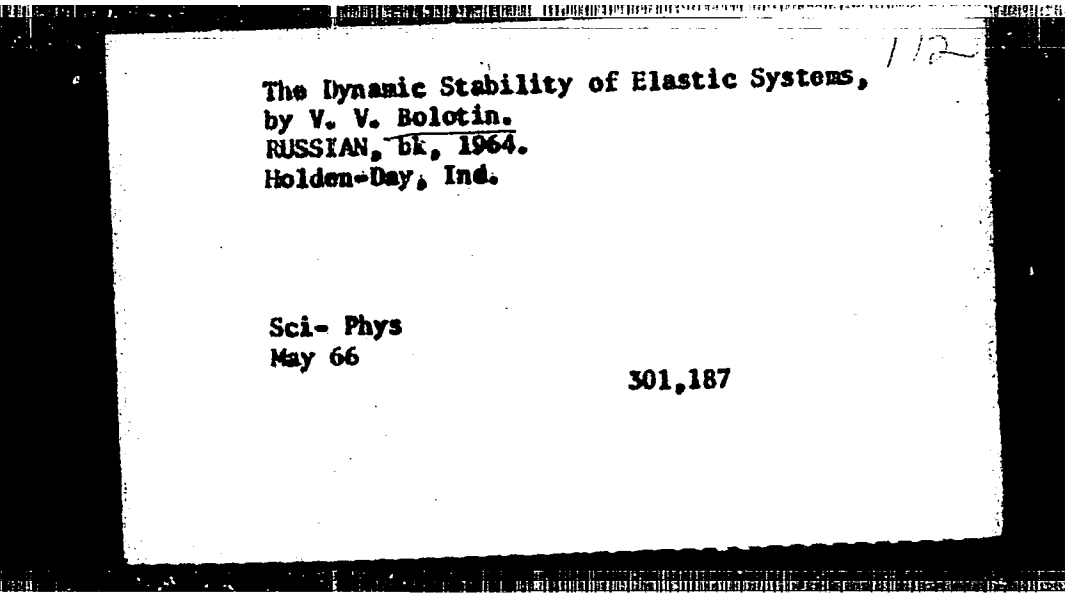
V. V. BOLOTIN

Sci - Phys
Aug 65

284,384

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



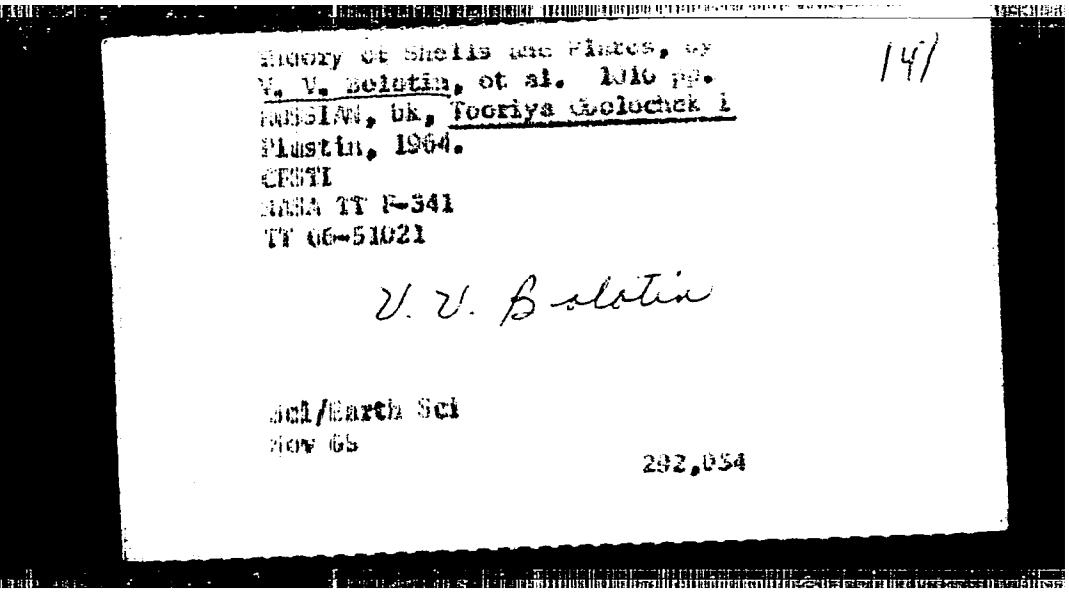
The Dynamic Stability of Elastic Systems,
by V. V. Bolotin.
RUSSIAN, bk, 1964.
Holden-Day, Ind.

Sci- Phys
May 66

301,187

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



Theory of Shells and Plates, by
V. V. Bolotin, et al. 1010 pp.
RUSSIAN, bk, Teoriya Obolochek i
Plastin, 1964.
CESTI
NASA TT F-541
TT 66-51021

V. V. Bolotin

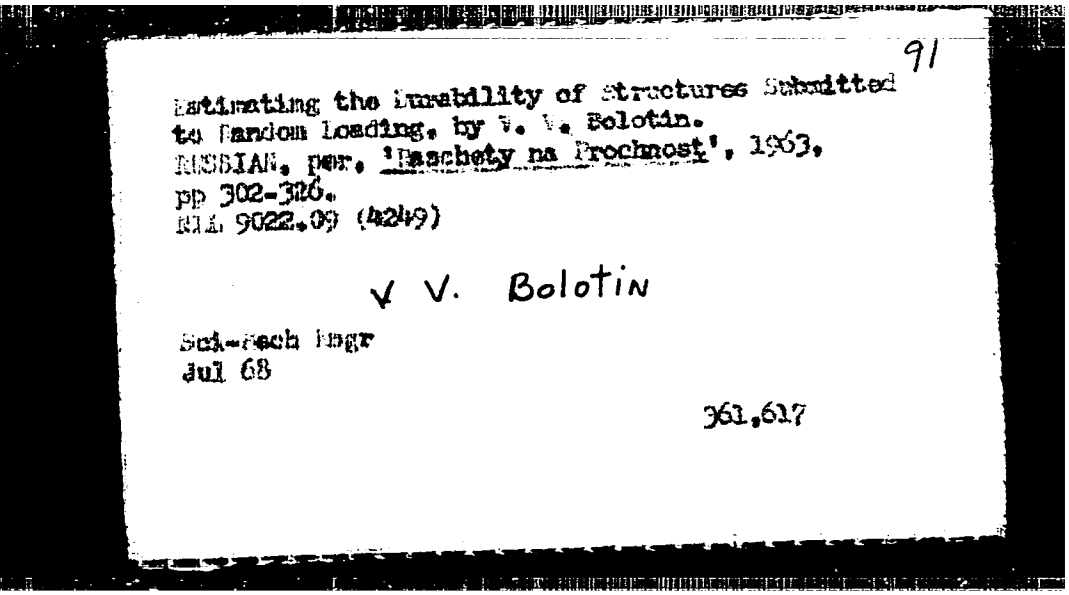
Sci/Earth Sci
Nov 66

292,054

141

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



91

Estimating the Durability of Structures Submitted to Random Loading. by V. V. Bolotin. RUSSIAN. per. 'Raschety na Prochnost', 1963. pp 302-326. RZh 9022.09 (4249)

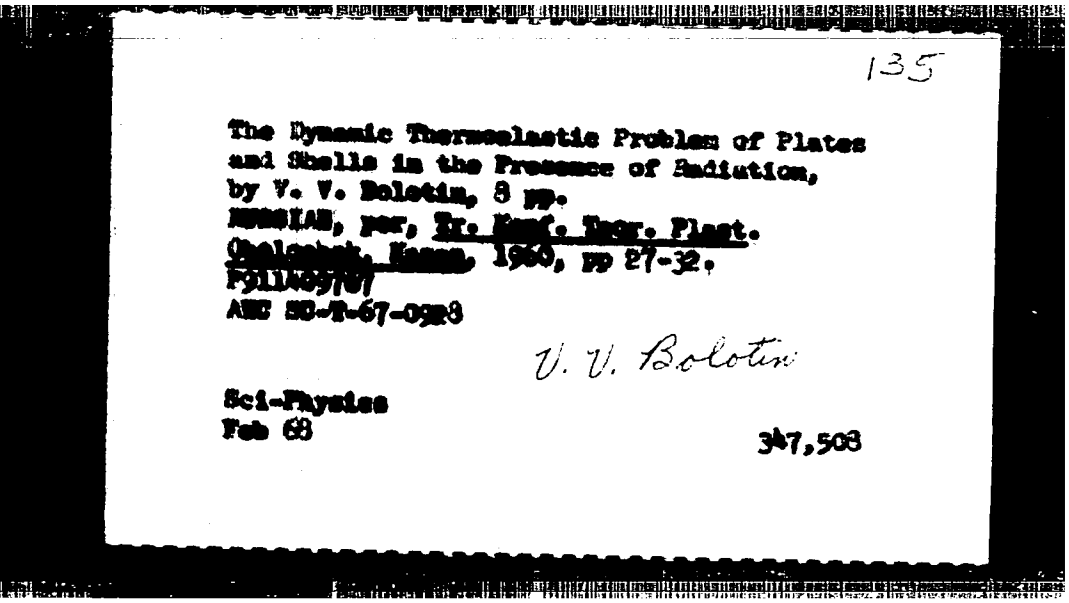
V. Bolotin

Sci-Tech Engr
Jul 68

361.617

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



135

The Dynamic Thermoelastic Problem of Plates and Shells in the Presence of Radiation, by V. V. Bolotin, 8 pp.
MEKHANIKA, per, Tr. Kaf. Inzh. Plast. Obolensk, Kazan, 1960, pp 27-32.
FSTI-MT-67-0928
AEC tr-7-67-0928

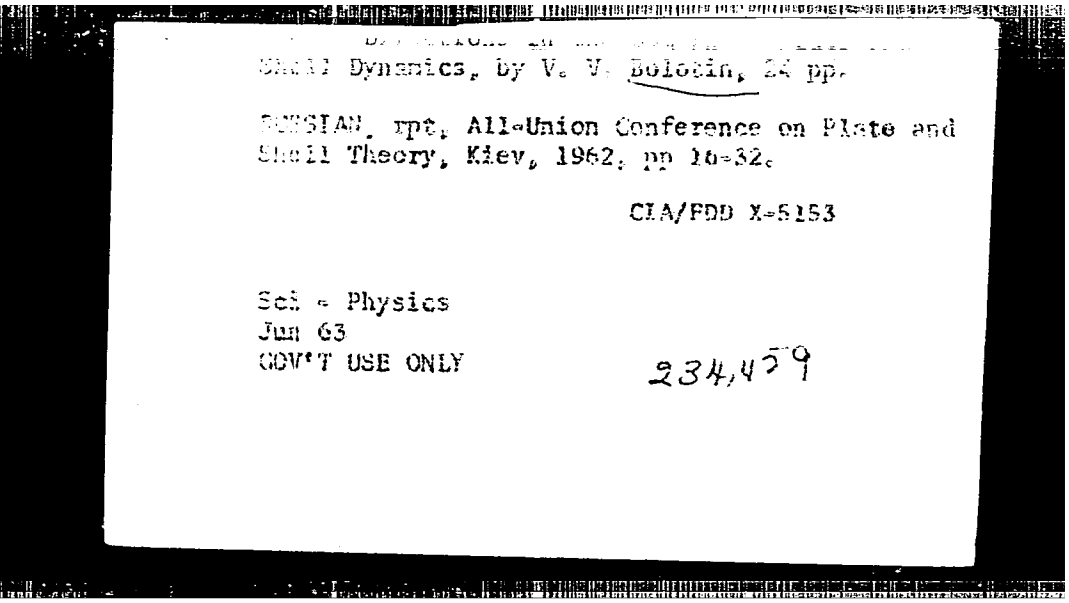
V. V. Bolotin

Sci-Physics
Feb 68

347,503

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



Shell Dynamics, by V. V. Bolotin, 24 pp.

RUSSIAN, rpt, All-Union Conference on Plate and Shell Theory, Kiev, 1962, pp 16-32.

CIA/FDD X-5153

Sci - Physics
Jun 63
GOV'T USE ONLY

234,459

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Concerning Influence Momentless Tense State on Spectra of Natural Oscillations of Thin Elastic Shells, by V. V. Bolotin, 24 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 4, 1962, pp 52-60. 9668605

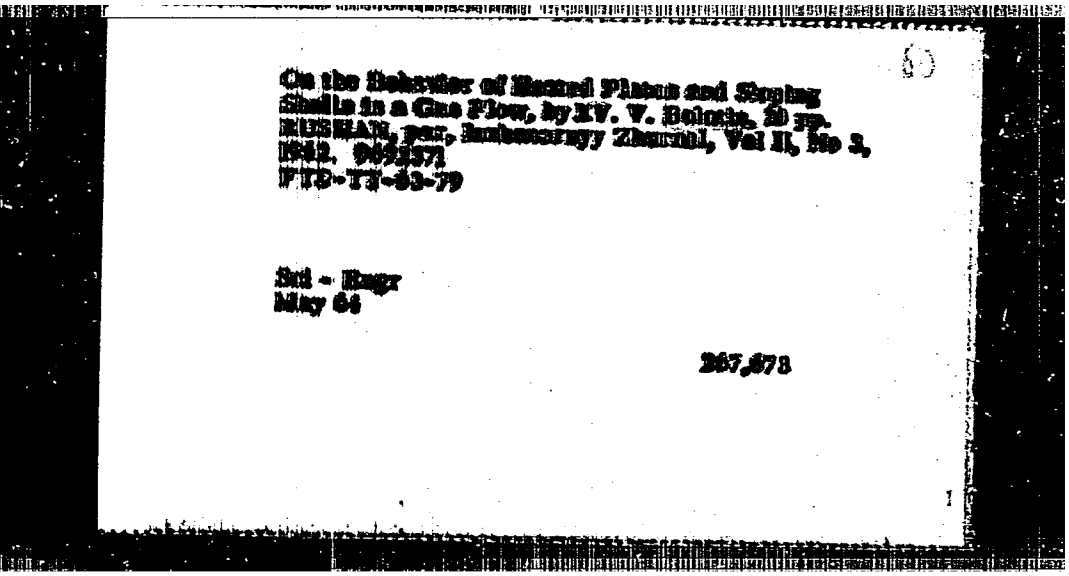
FTD-MT-63-22

230,868

Sci-Engr
May 63

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



On the Behavior of Heated Plates and Singing
Shells in a Gas Flow, by V.V. Bolotin, 20 pp.
RUSSIAN, per, Inzhenernyy Zhurnal, Vol II, No 3,
1962. 962571
FTD-TT-63-79

Sol - Engr
May 64

267,878

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Buckling and Steady Flutter of Heat-Compressed Panels in a Supersonic Flow, by V. V. Bolotin. RUSSIAN, per. Insh Zhur, Vol I, No 2, 1961, pp 82-96
NASA TT F-10,106

86

V. V. Bolotin

Sci-Phys
Jul 66 302,150

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

The Natural Oscillations of a Rectangular Elastic Parallelepiped, by V. V. Bolotin, 8 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXV, No 1, 1961.

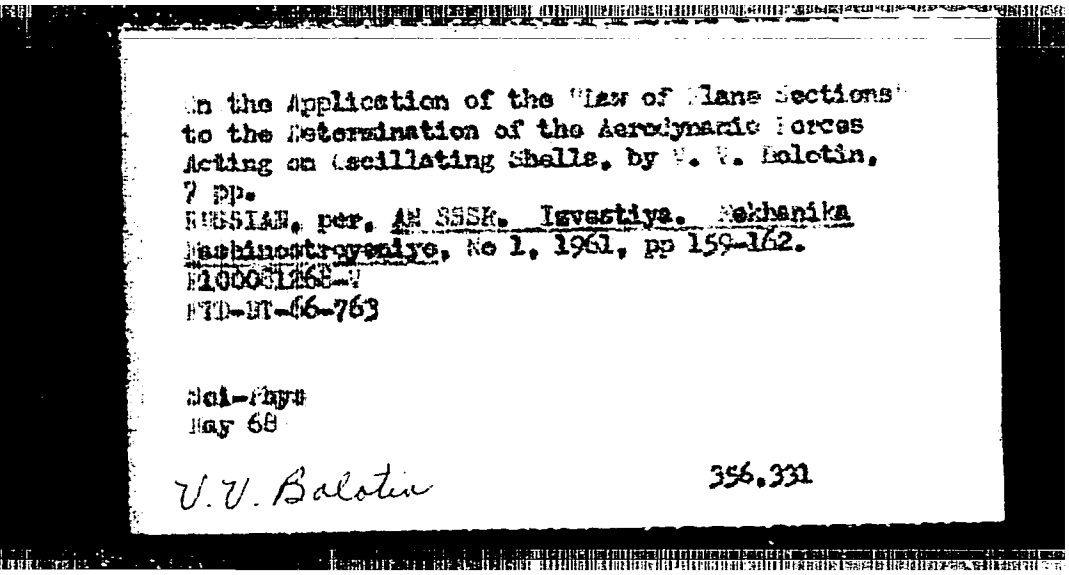
Pergamon Press

Sci
Jul 64

263,537

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



On the Application of the "Law of Plane Sections" to the Determination of the Aerodynamic Forces Acting on Oscillating Shells, by V. V. Bolotin, 7 pp.
RUSSIAN, per. AN SSSR. Izvestiya. Mekhanika Mashinostroyeniye, No 1, 1961, pp 159-162.
[illegible]
FTD-MT-66-763

Mai-Phys
May 68

V. V. Bolotin

356.331

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

31

Thermal Buckling of Plates and Curved Shells
in Supersonic Gas Flow, by V. V. Bolotin,
40 pp.
RUSSIAN, per. Raschety na Prochnost', Moscow,
No 6, 1960, pp 190-216.
JPRS 49331

V. V. Bolotin

Sci-Mech, Ind, Civ & Mar Engr
Dec 69 396,506

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

The Edge Effect in the Oscillations of Elastic Shells, by V. V. Bolotin, 16 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXIV, No 5, 1960, pp 831-843.

PP

Sci

161,138

Jun 61

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Calculation of Strength at Random Variable Stresses, the Amplitudes of which are Subject to Pearson's Distribution, by V. V. Bolotin, 3 pp. XL,

RUSSIAN, per, Vest Mashinostroy, Vol No 11, 1960, pp 32-35.

PERA

169,875

Sci

Sep 61

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Equations for the Non-Stationary Temperature Fields in Thin Shells in the Presence of Sources of Heat, by V. V. Bolotin, 5 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXIV, No 2, 1960, pp 361-363.

PP

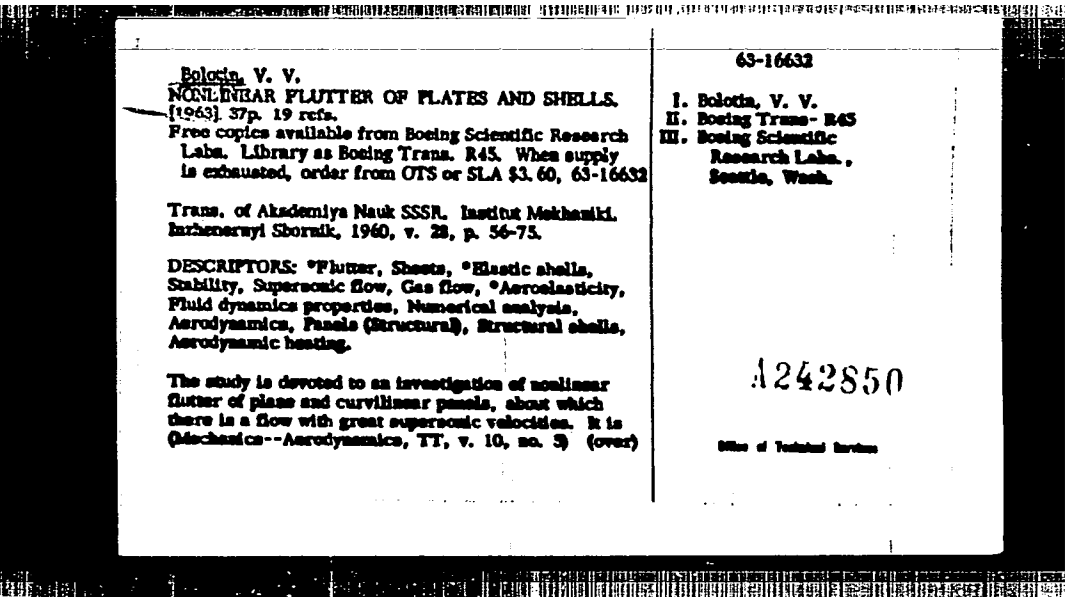
Sci

Jan 61

138, 960

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



Bolotin, V. V.
NONLINEAR FLUTTER OF PLATES AND SHELLS. [1963]. 37p. 19 refs.
Free copies available from Boeing Scientific Research Labs. Library as Boeing Trans. R45. When supply is exhausted, order from OTS or SLA $3.60, 63-16632

Trans. of Akademiya Nauk SSSR. Institut Mekhaniki. Inzhenernyi Sbornik, 1960, v. 28, p. 56-75.

DESCRIPTORS: *Flutter, Sheets, *Elastic shells, Stability, Supersonic flow, Gas flow, *Aeroelasticity, Fluid dynamics properties, Numerical analysis, Aerodynamics, Panels (Structural), Structural shells, Aerodynamic heating.

The study is devoted to an investigation of nonlinear flutter of plane and curvilinear panels, about which there is a flow with great supersonic velocities. It is (Mechanics--Aerodynamics, TT, v. 10, no. 5) (over)

63-16632

I. Bolotin, V. V.
II. Boeing Trans- R45
III. Boeing Scientific Research Labs., Seattle, Wash.

A242850

Office of Technical Services

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

(NY-5905.2).

Nonlinear Problems of Stability of Flat Panels at High Supersonic Speeds, by V. V. Bolotin, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, No 3, May/Jun 1959, pp 59-64.

JPRS-L-1188-N

Sci - Engr
Feb 60

107719

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Statistical Methods in the Nonlinear Theory of Elastic Shells, by V. V. Bolotin,

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 3, 1958, pp 33-46.

NASA TT F-85

Sci-Phys
Dec 62

219,474

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Nonlinear Theory of Elasticity and Stability in the Case of Large Deflections, by V. V. Bolotin, 69 p.
RUSSIAN, per, Sbornik Statei, Vol III, 1958, pp 310-354.
MIL RTS-3024

V. V. Bolotin

Sci-Phys
Jul 66

304,496

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Non-Steady Flutter of Plates and Slanted Shells in Gas Flows, by V. V. Bolotin, 15 pp .

~~RUSSIAN~~, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mekh i Mash, pp 106-113. 9683259

FTD-TT-63-204

Sci-Phys
Jun 63

234,541

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

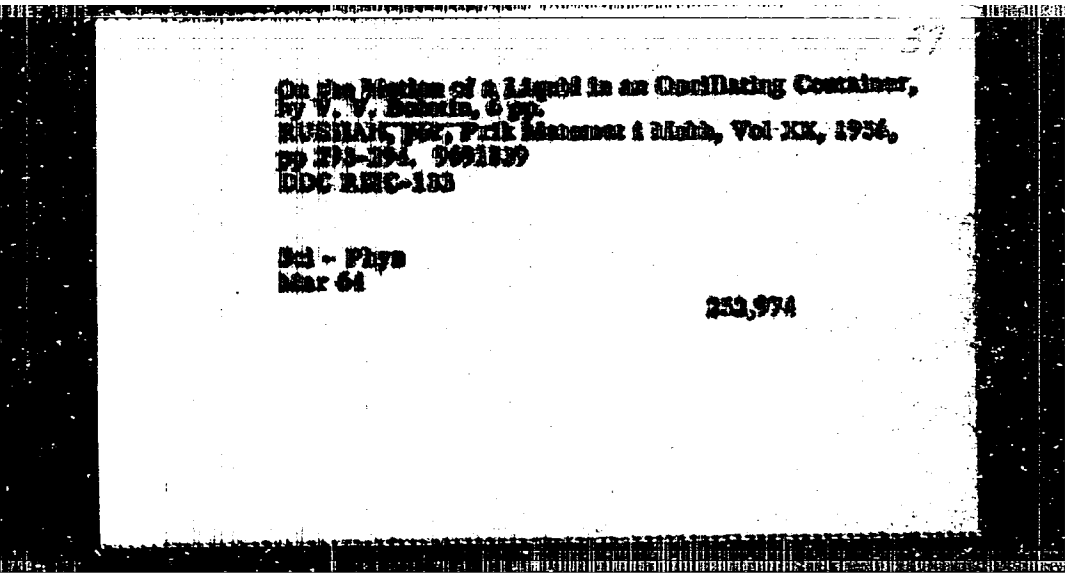
On the Theory of Laminated Plates,
by V. V. Bolotin, 12 pp.
RUSSIAN, per. Iz AN SSSR, Mekhanika
i Mashinostroyeniye, No 5, 1961,
pp 65-72.PI00065367
FTD TT 66-65

V. V. Bolotin

Sci- Materials
Mar 67 320,734

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



On the Motion of a Liquid in an Oscillating Container,
By V. V. Bolotin, 6 pp.
RUSSIAN, PMM, Prik Matematika i Mekhanika, Vol XIX, 1956,
pp 273-284, 9091839
DDC RMC-153

Sci - Phys
Mar 64

259,974

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Dynamic Stability of Elastic Systems, by V. V. Bolotin.

RUSSIAN, bk, Dinamicheskaya Ustoichivost' Uprugikh Sistem, Vol XIV, Sec 60, 1956, pp 321, 322.

DSIR LLU RTS 1323
SLA 61-23062

137,390

Sci - Phys

Jan 61

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Dynamic Stability of Elastic Systems, by V. V. Bolotin.

RUSSIAN, bk, Dinamicheskaya Ustoichivost' Uprugikh Sistem, Vol XIV, Sec 58, 1956, pp 311-317.

DSIR LLU WTS 1322

Sci - Phys

Jan 61

137,388

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Dynamic Stability of Elastic Systems, by V. V. Bolotin.

RUSSIAN, bk, Dinamicheskaya Ustoichivost' Uprugikh Sistem, Chap XVII, Sec 72, pp 401-404, 1956.

DSIR LLU RTS 1324

Sci - Phys

Jan 61

137,387

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Dynamic Stability of Elastic Systems, by V. V. Bolotin.

RUSSIAN, bk, Dinamicheskaya Ustoichivost! Uprugikh Sistem, Chap XVII, Sec 75, 1956, pp 415-424.

DSIR LLU RTS 1325

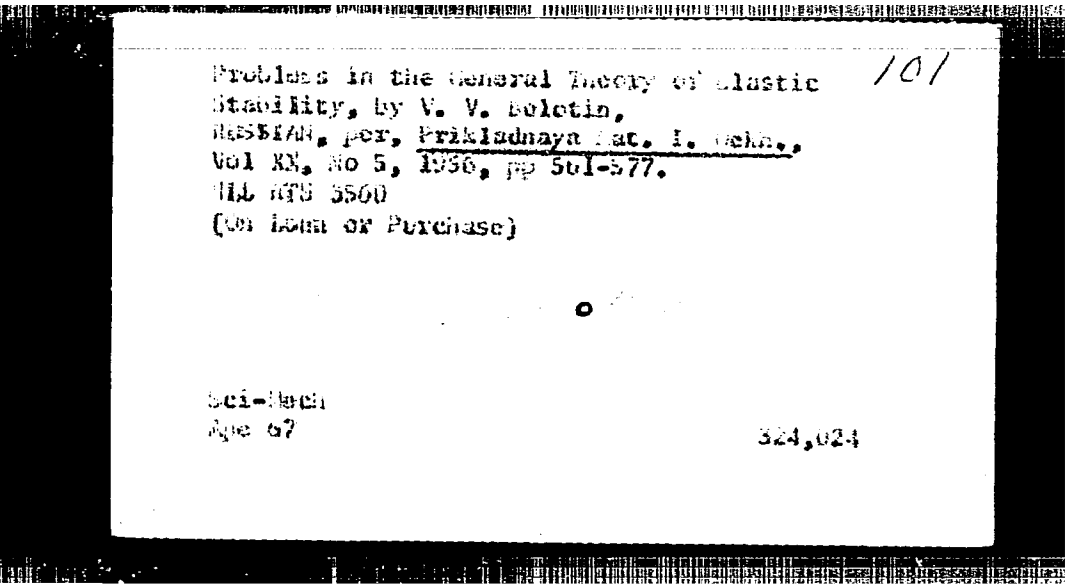
Sci - Phys

137,389

Jan 61

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



101

Problems in the General Theory of Elastic Stability, by V. V. Bolotin, Moscow, per. Prikladnaya Mat. i. Mekh., Vol XX, No 5, 1936, pp 561-577. UL UTU 3560 (On Loan or Purchase)

Sci-Tech
Apr 67

324.024

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Extracts only:

Example of Determination of Boundaries of the Region of Dynamic Instability; Case of Multiple Roots, Differing From - 1. Combination Resonance, by V. V. Bolotin. UNCL

RUSSIAN, bk, Dinamicheskaya Ustoichivost' Uprugikh Sistem, Moscow, 1956, Chap XIV, Sec 58, 60, pp 311-317, 321-322.

DSIR LLU RTS 1322 -- pp 311-317 (5s.0d.)

DSIR LLU RTS 1323 -- pp 321-322 (2s.6d.)

Feb 60

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Review only

Review of Soviet University Textbook: "Dynamic Stability of Elastic Systems, by V. V. Bolotin," 7 pp. UNCL

GERMAN, review of textbook, publ in 1956.

AF 1265765

Sci - Phys
Mar 59

also abstracts chap XIX, pp 464-497. (L2)
info from LLU Tr Bul Oct '59
PTS 1227

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Extracts only:

Different Cases of Supporting Fixture. Effect of Load Behaviour, Subsection 6; Problem of Dynamic Stability of Thin Bars in Nonlinear Formulation, by V. V. Bolotin. UNCL

RUSSIAN, bk, Dinamicheskaya Ustoichivost' Uprugikh Sistem, Chap XVII, Sec 72, 75, pp 401-404, 415-424. 1957

DSIR LLU RTS 1324 -- pp 401-404 (5s.0d.)

DSIR LLU RTS 1325 -- pp 415-424 (7s.6d.)

Feb 60

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Integral Equations of Constrained Torsion and Stability of Thin-walled Rods, by V. V. Bolotin, 7 pp.

RUSSIAN, bimo per, Prik Matemat i Mekh, Vol XVII, No 2, Mar-Apr 1953, p 245-248.

NACA - N-37217

USSR
Sci - [redacted] Engineering

25,810

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Accelerated Heating Up of Small-Scale Wide-Chamber Dinas Coke Ovens, by Ya. S. Bolotin, V. F. Nadgolnyy. 3 pp.

RUSSIAN, per, Koks i Khim, No 2, 1960, pp 31-33.

Coal Tar Res Assoc

Sci

Aug 60

124,331

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Influence of Unspecific Action of Folic Acid on the State of Immunity to Diptheria, by A. G. Staroverova, A. V. Bolotina, V. I. Milovanowa, S. E. El'byerg, 5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol, Vol XXX, No 10, 1959, pp 28-32.

pp

127,709

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Effect of Irrigation on the Nutrient Regime of Ciscaucasian Chernozems, by N.I. Bolotina, 9 pp.

RUSSIAN, per, Pochvovedeniye, No 1, 1959, pp 40-50.

Amer Inst of Biol Sci

135,216

Sci
Dec 60

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

V

(FDD 21539)

Conditioned Motor Reflexes to Time in Apes, by O. P. Bolotina, 17 pp.

RUSSIAN, bk, Trudy Instituta Fiziologii imeni I. P. Pavlova, Voprosy Fiziologii i Patologii Vysshey Nervnoy Deyatel'nosti, Moscow/Leningrad, 1952, pp 196-204.

T-

CIA/FDD/U-6407

18,204

USSR
Sci - Medicine

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

A Method for the Quantitative Determination of Water of Crystallization in Certain Crystallohydrates on the Basis of Their Absorption Spectra in the Near Infrared (0.8 -- 2.5), by D. S. Gorbenko-Germanov, R. A. Zemkova, T. L. Bolotina, 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 5, 1958, pp 590-594.

Consultants Bureau

Sci - Chem
Aug 59

93,783

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

A Study of Active Forms of Amylose Isomerase, by A. N. Petrova, T. T. Belotina, 6 pp.

RUSSIAN, per, Biokhimiya, Vol XXVI, No 6, 1961, pp 1001-1007.

CB

205,232

Sci

Jul 62

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

A Study of the Properties of Phosphoglucomutase of Potato Tuber Extracts and in Enzyme Preparations Isolated from Them, by T. T. Bolotina, 4 pp.

RUSSIAN, per, Biokhim, Vol XXIII, No 4, 1958, pp 616-619

Consultants Bureau

Sci - Biology

Apr 59

83,924

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Study of the Enzymatic Conversion of Starch in Potato Tubers at Various Periods of Vegetation, by A. N. Petrova, T. T. Bolotina, 6 pp.

RUSSIAN, bimo per, Biokhim, Vol XXI, No 4, Jul/Aug 1956, pp 451-456.

Consultants Bureau

Sci - Chemistry
May 57

48,158

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

The Reduction of Methemoglobin by Ascorbic Acid, by G. E. Vladimirov, Z. I. Bolotina, 10 pp.

RUSSIAN, per, Biokhimiya, Vol IX, 1944, pp 312-321.

SLA 60-10829

Sci

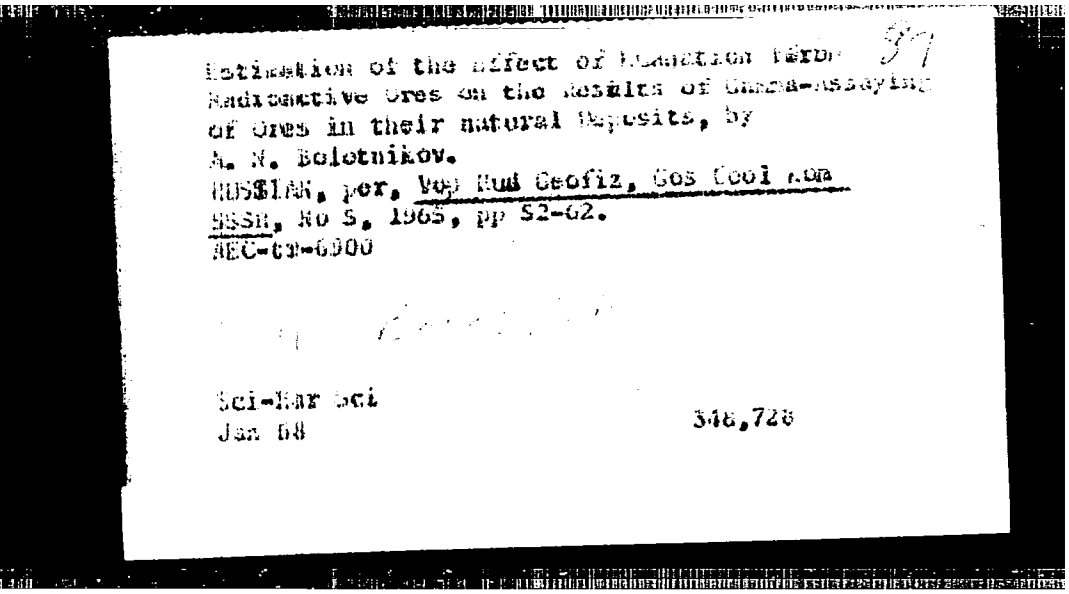
OTS, Vol III, No 6

Sep60

126,825

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



Estimation of the effect of radiation heterogeneity of radioactive ores on the results of chemical assaying of ores in their natural deposits, by
A. N. Zolotnikov.
RUSSIAN, per. Vop Rud Geofiz, Gos Geol Kom SSSR, No 5, 1965, pp 52-62.
AEC-tr-6900

Sci-Nar Sci
Jan 68

348,726

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Estimation of the Accuracy of Long-Range Weather Forecasts, by M. S. Bolotinskaya

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 5, 1960, pp 63-66.

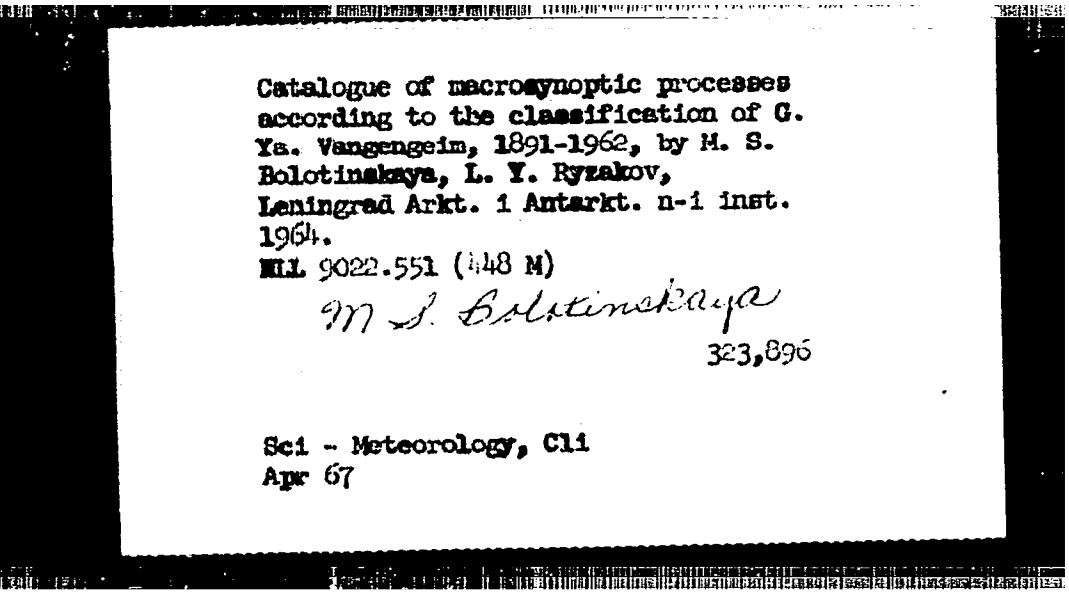
NLL M 3979

Sci - Geophys
Feb 63

223,556

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



Catalogue of macrosynoptic processes according to the classification of G. Ya. Vangengeim, 1891-1962, by M. S. Bolotinskaya, L. Y. Ryzakov, Leningrad Arkt. i Antarkt. n-i inst. 1964.
MLL 9022.551 (148 M)

M. S. Bolotinskaya

323,896

Sci - Meteorology, Cli
Apr 67

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Professor Bolotnikov Is Right (Regarding the Nomenclature and Classification of Aircraft), 3 pp. (AF 1061507)

RUSSIAN, per, Vest Vos Flot, No 12, Dec 1956, p 79.

ATIC F-TS-9178/V

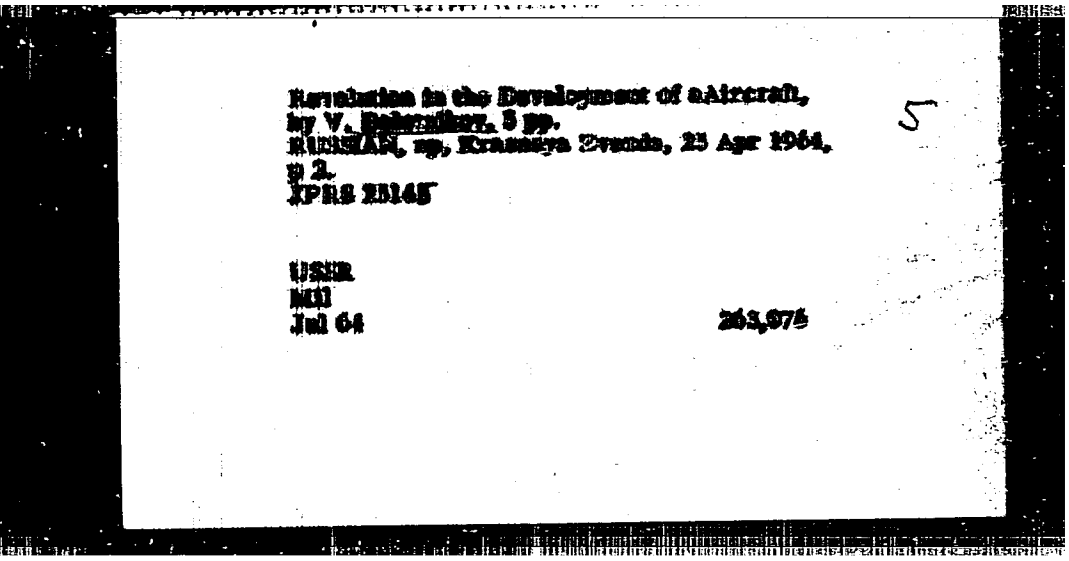
Rel - Amro

Oct 58

75,632

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



Revolution in the Development of aAircraft,
by V. Rabinskiy, 5 pp.
[illegible], ap, Krasnaya Zvezda, 25 Apr 1964,
p 2.
JPRS 25145

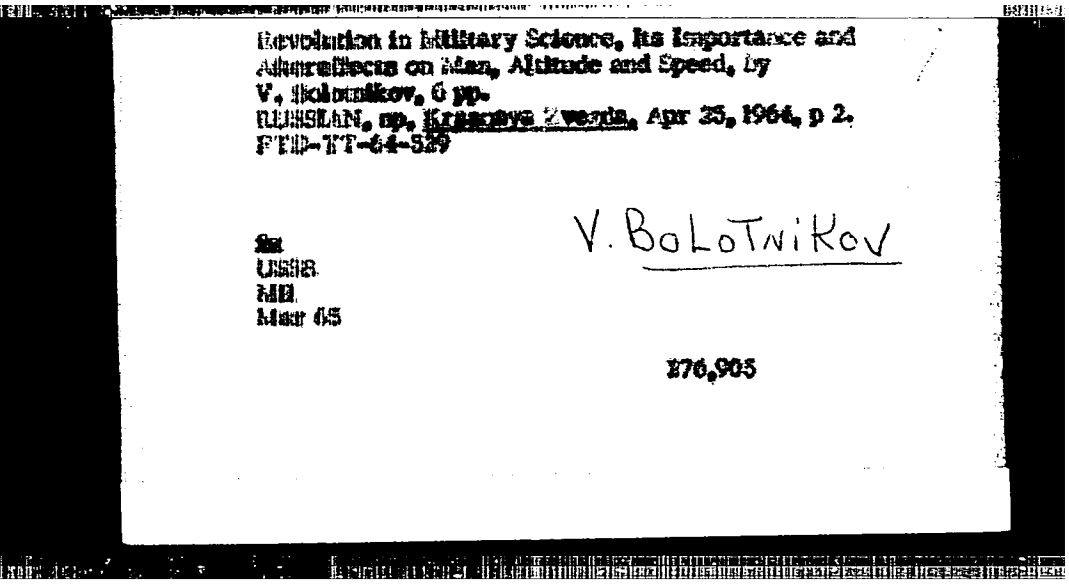
USSR
MIL
Jul 64

263,075

5

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2



Revolution in Military Science, Its Importance and Characteristics on Man, Altitude and Speed, by V. Bolotnikov, 6 pp.
RUSSIAN, op. Krasnaya Zvezda, Apr 25, 1964, p 2.
FTD-TT-64-529

V. BOLOTNIKOV

Ed
USSR
MB
Mar 65

276,905

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2

Man, Altitude and Speed, by V. Bolotnikov, 4 pp

RUSSIAN, np, Krasnaya Zvezda, No 98, 25 Apr 1964.

*ACSI I-5258
ID 2204029164

USSR
Mil
Jul 64

APPROVED FOR RELEASE: 08/14/ 2001 CIA-RDP84-00581R000100060072-2